



June 2008

**DEPARTMENT OF EDUCATION**  
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 3

Test Date: March 2008  
Code: 12181944  
SAU: MSAD 24  
School: Gateway Elementary School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores .....	2
Summary of Student Participation .....	3
English Language Arts – Reading Results .....	4-6
Mathematics Results .....	7-9

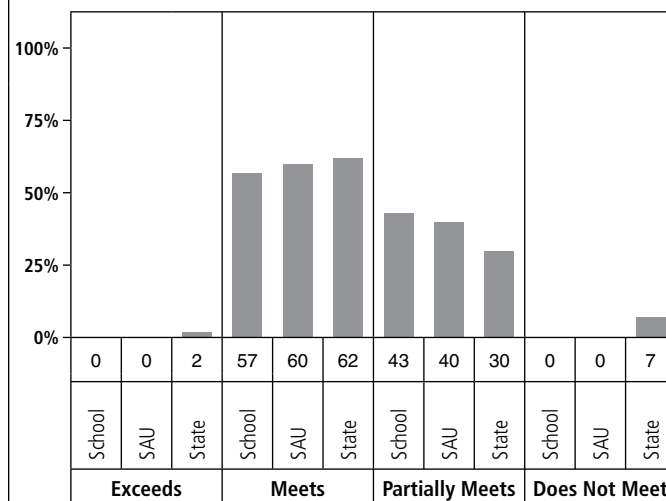
# SUMMARY OF SCORES

Test Date: March 2008  
Grade: 3  
SAU: MSAD 24  
School: Gateway Elementary School

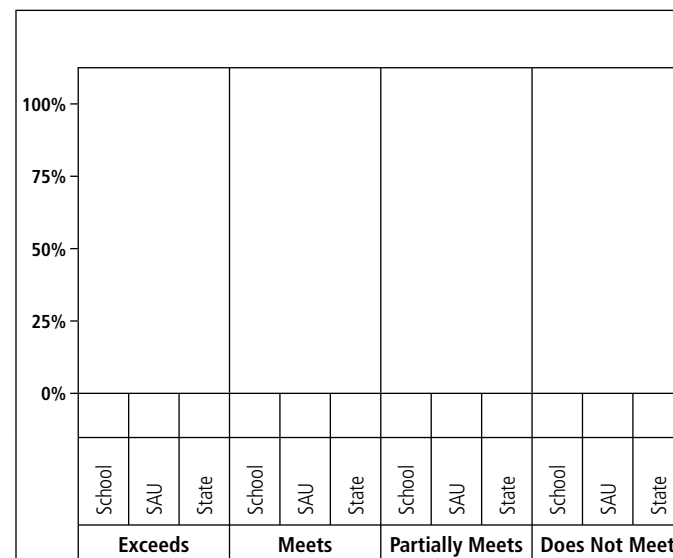
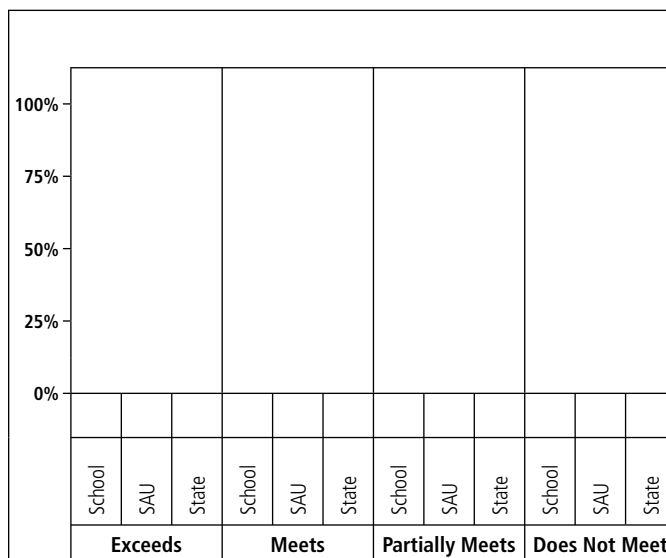
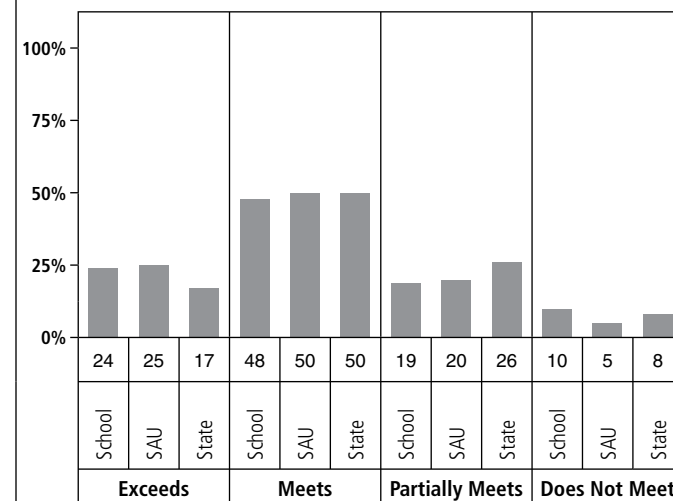
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b> 2005–2006 2006–2007 <b>2007–2008</b> Cum. Avg. *	<b>344</b>	341	345
		344	345
		<b>345</b>	<b>344</b>
		343	345
<b>Mathematics</b> 2005–2006 2006–2007 <b>2007–2008</b> Cum. Avg. *	<b>348</b>	344	344
		349	347
		<b>349</b>	<b>347</b>
		348	346

## ELA – READING



## MATHEMATICS



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008  
Grade: 3  
SAU: MSAD 24  
School: Gateway Elementary School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	21	100	20	100	13803	100	21	100	20	100	13714	99	21	100	20	100	13710	99												
Ethnicity African American/Black	0	0	0	0	399	3	0	0	0	0	391	98	0	0	0	0	392	98												
American Indian or Native Alaskan	0	0	0	0	116	1	0	0	0	0	114	99	0	0	0	0	114	99												
Asian or Pacific Islander	0	0	0	0	210	2	0	0	0	0	205	98	0	0	0	0	206	98												
Hispanic	0	0	0	0	162	1	0	0	0	0	158	98	0	0	0	0	159	98												
Caucasian/White	21	100	20	100	12916	94	21	100	20	100	12846	100	21	100	20	100	12839	99												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	2	10	2	10	2358	17	2	100	2	100	2333	99	2	100	2	100	2329	99												
Current LEP	9	43	8	40	371	3	9	100	8	100	357	96	9	100	8	100	361	98												
Economically disadvantaged	15	71	14	70	5584	40	15	100	14	100	5535	99	15	100	14	100	5530	99												
Migrant	0	0	0	0	5	0	0	0	0	0	5	100	0	0	0	0	5	100												

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	21	100	20	100	10650	77	21	100	20	100	10678	77						
Identified disability (PET/IEP)	2	10	2	10	475	4	2	10	2	10	479	4						
LEP	9	43	8	40	151	1	9	43	8	40	149	1						
504 plan	0	0	0	0	83	1	0	0	0	0	85	1						
<b>Participation with accommodations</b>	0	0	0	0	2936	21	0	0	0	0	2911	21						
Identified disability (PET/IEP)	0	0	0	0	1735	59	0	0	0	0	1729	59						
LEP	0	0	0	0	197	7	0	0	0	0	208	7						
504 plan	0	0	0	0	49	2	0	0	0	0	47	2						
Other	0	0	0	0	986	34	0	0	0	0	958	33						
<b>Participation through alternate assessment (PAAP)</b>	0	0	0	0	123	1	0	0	0	0	121	1						
Identified disability (PET/IEP)	0	0	0	0	123	100	0	0	0	0	121	100						
LEP	0	0	0	0	4	3	0	0	0	0	4	3						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	5	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	9	0	0	0	0	0	12	0						
<b>Non-participation – other</b>	0	0	0	0	80	1	0	0	0	0	81	1						

<sup>1</sup> Percents are the percentage of students enrolled in each participation category.

<sup>2</sup> Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup> Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date:	March 2008
Grade:	3
SAU:	MSAD 24
School:	Gateway Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 361–380)	2005-2006			0	0	352	3
	2006-2007			0	0	332	2
	<b>2007-2008</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>227</b>	<b>2</b>
	Cum. Total*			0	0	911	2
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 341–360)	2005-2006			10	53	8641	62
	2006-2007			16	55	8691	63
	<b>2007-2008</b>	<b>12</b>	<b>57</b>	<b>12</b>	<b>60</b>	<b>8403</b>	<b>62</b>
	Cum. Total*			38	56	25735	62
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 331–340)	2005-2006			5	26	3671	27
	2006-2007			12	41	3781	27
	<b>2007-2008</b>	<b>9</b>	<b>43</b>	<b>8</b>	<b>40</b>	<b>4018</b>	<b>30</b>
	Cum. Total*			25	37	11470	28
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 300–330)	2005-2006			4	21	1163	8
	2006-2007			1	3	1021	7
	<b>2007-2008</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>938</b>	<b>7</b>
	Cum. Total*			5	7	3122	8

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Total Reading Cluster</b>	<b>46</b>	<b>100</b>	27.3	59.3	27.7	60.2	27.6	60.0
<b>Literary Text</b>	<b>23</b>	<b>50</b>	13.7	59.6	14.0	60.9	14.1	61.3
<b>Informational Text</b>	<b>23</b>	<b>50</b>	13.6	59.1	13.7	59.6	13.5	58.7

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2008  
 Grade: 3  
 SAU: MSAD 24  
 School: Gateway Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	21	0	0	12	57	9	43	0	0	344	20	0	60	40	0	345	13586	2	62	30	7	344
<b>Ethnicity</b>																						
African American/Black	0										0						384	1	42	39	18	339
American Indian or Native Alaskan	0										0						113	2	50	42	5	343
Asian or Pacific Islander	0										0						203	1	60	31	8	344
Hispanic	0										0						158	1	52	36	11	342
Caucasian/White	21	0	0	12	57	9	43	0	0	344	20	0	60	40	0	345	12728	2	63	29	7	345
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	2										2						2210	0	32	48	20	338
No	19	0	0	11	58	8	42	0	0	344	18	0	61	39	0	345	11376	2	68	26	4	346
<b>Current LEP</b>																						
Yes	9	0	0	6	67	3	33	0	0	345	8	0	75	25	0	346	348	1	36	45	19	339
No	12	0	0	6	50	6	50	0	0	344	12	0	50	50	0	344	13238	2	63	29	7	344
<b>Economically disadvantaged</b>																						
Yes	15	0	0	7	47	8	53	0	0	343	14	0	50	50	0	344	5450	1	49	39	11	341
No	6	0	0	5	83	1	17	0	0	346	6	0	83	17	0	346	8136	2	71	23	4	346
<b>Migrant</b>																						
Yes	0										0						5	0	80	20	0	343
No	21	0	0	12	57	9	43	0	0	344	20	0	60	40	0	345	13581	2	62	30	7	344
<b>Gender</b>																						
Female	7	0	0	4	57	3	43	0	0	345	6	0	67	33	0	346	6567	3	65	27	5	345
Male	14	0	0	8	57	6	43	0	0	344	14	0	57	43	0	344	7019	1	59	32	8	343
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						2004	0	37	49	14	339
No	21	0	0	12	57	9	43	0	0	344	20	0	60	40	0	345	11582	2	66	26	6	345
<b>Gifted/talented program</b>																						
Yes	0										0						125	11	87	2	0	355
No	21	0	0	12	57	9	43	0	0	344	20	0	60	40	0	345	13461	2	62	30	7	344

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA–READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2008  
 Grade: 3  
 SAU: MSAD 24  
 School: Gateway Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	0										0						6	0	43	39	18	340
B. less than one hour	85	0	0	10	59	7	41	0	0	344	89	0	59	41	0	344	79	2	65	28	5	345
C. one to two hours	10	0	0	1	50	1	50	0	0	341	11	0	50	50	0	341	12	2	60	31	7	344
D. more than two hours	5	0	0	0	0	1	100	0	0	338	0						3	0	32	44	24	338
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	50	0	0	6	60	4	40	0	0	345	53	0	60	40	0	345	29	3	62	28	7	345
B. They match some of what I have learned.	30	0	0	3	50	3	50	0	0	343	26	0	60	40	0	344	48	2	67	27	4	345
C. They match just a little of what I have learned.	15	0	0	1	33	2	67	0	0	341	16	0	33	67	0	341	15	1	56	34	9	343
D. There is no match.	5	0	0	1	100	0	0	0	0	350	5	0	100	0	0	350	8	0	44	40	16	340
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	25	0	0	3	60	2	40	0	0	346	26	0	60	40	0	346	42	3	67	24	6	346
B. good	70	0	0	8	57	6	43	0	0	344	68	0	62	38	0	344	46	1	62	32	5	344
C. fair	5	0	0	0	0	1	100	0	0	338	5	0	0	100	0	338	10	0	48	42	10	341
D. poor	0										0						2	0	30	43	28	336
<b>How hard was the reading part of this test?</b>																						
A. harder than my regular schoolwork	16	0	0	0	0	3	100	0	0	339	11	0	0	100	0	339	22	1	48	38	12	341
B. about the same as my regular schoolwork	58	0	0	7	64	4	36	0	0	345	61	0	64	36	0	345	57	2	68	26	4	346
C. easier than my regular schoolwork	26	0	0	3	60	2	40	0	0	344	28	0	60	40	0	344	21	1	61	30	8	344
<b>How hard were the reading passages on this test?</b>																						
A. Most of the passages were harder than what I normally read.	21	0	0	2	50	2	50	0	0	343	17	0	67	33	0	344	20	0	38	47	16	339
B. Most of the passages were about the same as what I normally read.	53	0	0	5	50	5	50	0	0	343	56	0	50	50	0	343	51	2	68	27	4	345
C. Most of the passages were easier than what I normally read.	26	0	0	3	60	2	40	0	0	344	28	0	60	40	0	344	29	3	69	23	6	346
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	25	0	0	3	60	2	40	0	0	346	21	0	75	25	0	348	19	3	65	27	6	346
B. 20 minutes to an hour	55	0	0	5	45	6	55	0	0	342	58	0	45	55	0	342	47	2	68	25	5	346
C. less than 20 minutes	20	0	0	3	75	1	25	0	0	345	21	0	75	25	0	345	19	1	56	35	8	343
D. I rarely read at home.	0										0						14	0	47	40	12	341
<b>How many pages do you read in school and to complete homework assignments?</b>																						
A. five or fewer pages	65	0	0	7	54	6	46	0	0	343	68	0	54	46	0	343	28	1	56	33	9	343
B. six to ten pages	15	0	0	2	67	1	33	0	0	345	16	0	67	33	0	345	23	1	63	29	7	344
C. eleven or more pages	20	0	0	2	50	2	50	0	0	346	16	0	67	33	0	349	49	2	65	27	6	345
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

# MATHEMATICS RESULTS

Test Date: March 2008  
Grade: 3  
SAU: MSAD 24  
School: Gateway Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 361–380)	2005-2006	<b>5</b>	<b>24</b>	1	5	1295	9
	2006-2007			8	28	1985	14
	<b>2007-2008</b>			<b>5</b>	<b>25</b>	<b>2277</b>	<b>17</b>
	Cum. Total*			14	21	5557	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 341–360)	2005-2006	<b>10</b>	<b>48</b>	11	58	6852	49
	2006-2007			10	34	6990	51
	<b>2007-2008</b>			<b>10</b>	<b>50</b>	<b>6764</b>	<b>50</b>
	Cum. Total*			31	46	20606	50
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 325–340)	2005-2006	<b>4</b>	<b>19</b>	5	26	4081	29
	2006-2007			8	28	3673	27
	<b>2007-2008</b>			<b>4</b>	<b>20</b>	<b>3504</b>	<b>26</b>
	Cum. Total*			17	25	11258	27
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 300–324)	2005-2006	<b>2</b>	<b>10</b>	2	11	1638	12
	2006-2007			3	10	1193	9
	<b>2007-2008</b>			<b>1</b>	<b>5</b>	<b>1044</b>	<b>8</b>
	Cum. Total*			6	9	3875	9

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	15	31	9.9	66.0	10.2	68.0	9.2	61.3
Cluster 2: Shape and Size	14	29	10.8	77.1	10.9	77.9	10.0	71.4
Cluster 3: Mathematical Decision Making	5	10	3.2	64.0	3.3	66.0	3.2	64.0
Cluster 4: Patterns	14	29	8.1	57.9	8.4	60.0	9.0	64.3

- Cluster 1: Numbers and Operations**  
A. Numbers and Number Sense  
B. Computation  
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**  
E. Geometry  
F. Measurement
- Cluster 3: Mathematical Decision Making**  
C. Data Analysis and Statistics  
D. Probability
- Cluster 4: Patterns**  
G. Patterns, Relations, and Functions  
H. Algebra Concepts  
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2008  
 Grade: 3  
 SAU: MSAD 24  
 School: Gateway Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	21	5	24	10	48	4	19	2	10	348	20	25	50	20	5	349	13589	17	50	26	8	347
<b>Ethnicity</b>																						
African American/Black	0										0						390	10	30	32	28	337
American Indian or Native Alaskan	0										0						113	7	45	38	10	342
Asian or Pacific Islander	0										0						204	18	48	25	9	347
Hispanic	0										0						159	6	50	31	13	342
Caucasian/White	21	5	24	10	48	4	19	2	10	348	20	25	50	20	5	349	12723	17	50	25	7	348
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	2										2						2208	6	35	37	21	338
No	19	5	26	8	42	4	21	2	11	348	18	28	44	22	6	349	11381	19	53	24	5	349
<b>Current LEP</b>																						
Yes	9	2	22	5	56	1	11	1	11	348	8	25	63	13	0	351	357	8	29	37	26	336
No	12	3	25	5	42	3	25	1	8	348	12	25	42	25	8	348	13232	17	50	25	7	348
<b>Economically disadvantaged</b>																						
Yes	15	3	20	6	40	4	27	2	13	345	14	21	43	29	7	347	5452	9	45	33	12	343
No	6	2	33	4	67	0	0	0	0	355	6	33	67	0	0	355	8137	22	53	21	4	350
<b>Migrant</b>																						
Yes	0										0						5	0	40	40	20	337
No	21	5	24	10	48	4	19	2	10	348	20	25	50	20	5	349	13584	17	50	26	8	347
<b>Gender</b>																						
Female	7	2	29	3	43	0	0	2	29	346	6	33	50	0	17	350	6565	15	49	27	8	347
Male	14	3	21	7	50	4	29	0	0	349	14	21	50	29	0	349	7024	18	50	24	7	348
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						2004	5	39	41	15	339
No	21	5	24	10	48	4	19	2	10	348	20	25	50	20	5	349	11585	19	52	23	6	349
<b>Gifted/talented program</b>																						
Yes	0										0						125	70	30	0	0	366
No	21	5	24	10	48	4	19	2	10	348	20	25	50	20	5	349	13464	16	50	26	8	347

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2008  
Grade: 3  
SAU: MSAD 24  
School: Gateway Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	0										0						6	9	40	33	18	340
B. less than one hour	85	5	29	8	47	3	18	1	6	350	89	29	47	18	6	350	79	18	52	24	6	348
C. one to two hours	10	0	0	1	50	1	50	0	0	343	11	0	50	50	0	343	12	16	48	27	8	347
D. more than two hours	5	0	0	0	0	0	0	1	100	324	0						3	7	26	37	29	335
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	55	4	36	3	27	2	18	2	18	346	53	40	30	20	10	349	37	22	50	22	6	350
B. They match some of what I have learned.	35	1	14	5	71	1	14	0	0	351	37	14	71	14	0	351	46	16	53	25	6	348
C. They match just a little of what I have learned.	10	0	0	1	50	1	50	0	0	347	11	0	50	50	0	347	12	9	44	36	11	342
D. There is no match.	0										0						5	5	32	36	27	336
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	35	3	43	2	29	2	29	0	0	350	37	43	29	29	0	350	39	25	48	20	7	350
B. good	65	2	15	7	54	2	15	2	15	347	63	17	58	17	8	349	46	14	52	27	7	347
C. fair	0										0						12	8	49	35	9	343
D. poor	0										0						3	2	34	36	29	335
<b>How hard was the mathematics part of this test?</b>																						
A. harder than my regular schoolwork	0										0						17	7	41	35	17	340
B. about the same as my regular schoolwork	70	3	21	8	57	1	7	2	14	349	68	23	62	8	8	351	59	18	53	24	5	349
C. easier than my regular schoolwork	30	2	33	1	17	3	50	0	0	347	32	33	17	50	0	347	25	21	49	23	8	349
<b>How often do you use hands-on materials in mathematics class?</b>																						
A. almost every day	47	4	44	4	44	1	11	0	0	355	50	44	44	11	0	355	32	13	47	30	10	345
B. two or three days a week	26	1	20	2	40	1	20	1	20	344	22	25	50	25	0	349	30	20	52	23	5	349
C. two or three times each month	21	0	0	2	50	1	25	1	25	341	22	0	50	25	25	341	19	20	53	21	6	350
D. never or almost never	5	0	0	0	0	1	100	0	0	332	6	0	0	100	0	332	18	16	50	27	8	347
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	15	0	0	1	33	1	33	1	33	336	11	0	50	50	0	342	7	5	34	40	20	338
B. two or three days a week	45	3	33	4	44	1	11	1	11	349	47	33	44	11	11	349	18	15	50	27	8	346
C. two or three times each month	25	1	20	3	60	1	20	0	0	354	26	20	60	20	0	354	28	21	53	21	4	350
D. never or almost never	15	1	33	1	33	1	33	0	0	349	16	33	33	33	0	349	47	17	50	25	7	347
<b>On average, how many minutes a day do you spend working on mathematics in class?</b>																						
A. less than 30 minutes	10	0	0	2	100	0	0	0	0	350	11	0	100	0	0	350	16	8	42	36	13	342
B. 30–45 minutes	30	0	0	3	50	2	33	1	17	341	32	0	50	33	17	341	30	14	53	26	7	347
C. 45–60 minutes	35	5	71	1	14	1	14	0	0	359	37	71	14	14	0	359	32	22	51	22	5	350
D. more than 60 minutes	25	0	0	3	60	1	20	1	20	341	21	0	75	25	0	346	22	20	49	23	7	349
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											